IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	: 10/043,680	Confirmation No.	: 9219
Applicants	: Timothy B. Cowles		
Filed	: January 10, 2002	Attorney Docket No.:	500792.03
Art Unit	: 2824	Customer No.	: 27,076
Examiner	: Van Thu T. Nguyen		
Title	: REFRESH CONTROLLER AND ADDRESS REMAPPING CIRCUIT AND METHOD FOR DUAL MODE FULL/REDUCED DENSITY DRAMS		

<u>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

I hereby certify that no item set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37

C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
DORSEY & WHITNEY LLP

Edward W. Bulchis
Registration No. 26,847

EWB:dms

Enclosures:
    Postcard
    Form PTO-1449
    Cited References (2)

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Facsimile (206) 903-8820

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FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 500792.03		APPLICATION NO. 10/043,680		

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT(S) Timothy B. Cowles et al.
FILING DATE January 10, 2002   GROUP ART UNIT 2824

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,344,990 B1	02/05/02	Matsumiya et al.	365	63	
	AB	6,449,204 B1	09/10/02	Arimoto et al.	365	222	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).

Form P7-27/V1/1/94   H:\IP\Documents\Clients\Micron Technology\700\500792.03\500792.03 supp 1449 102904.doc

FEE TRANSMITTAL SHEET
(FOR FY 2004)

Complete if Known	
Application No.	10/043,680
Filing Date	January 10, 2002
First Named Inventor	Timothy B. Cowles et al.
Group Art Unit	2824
Examiner	Van Thu T. Nguyen
Atty. Docket Number	500792.03

METHOD OF PAYMENT (Check One)

1. [X] The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. [X] Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
1001	770	2001	385	[] Utility Filing Fee
1002	340	2002	170	[] Design Filing Fee
1003	530	2003	265	[] Plant Filing Fee
1004	770	2004	385	[] Reissue Filing Fee
1005	160	2005	80	[] Provisional Filing Fee

Subtotal (1) $0

2. EXTRA CLAIM FEES

Current Claims		Prior		Extra		Fee		Fee Paid
Total	-	20	=		x	$	=	$
Ind.	-	3	=		x	$	=	$
Multiple Dependent Claims					x	$	=	$

Subtotal (2) $0

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent Claim
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	$
1053	130	1053	130	Non-English specification	$
1812	2,520	1812	2,520	For Filing a Request for ex parte Reexamination	$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	$
1251	110	2251	55	Extension for reply within first month	$
1252	420	2252	210	Extension for reply within 2nd month	$
1253	950	2253	475	Extension for reply within 3rd month	$
1254	1,480	2254	740	Extension for reply within 4th month	$
1255	2,010	2255	1,005	Extension for reply within 5th month	$
1401	330	2401	165	Notice of Appeal	$
1402	330	2402	165	Filing a brief in support of an appeal	$
1403	290	2403	145	Request for oral hearing	$
1814	110	2814	55	Terminal Disclaimer Fee	$110
1452	110	2452	55	Petition to revive – unavoidable	$
1453	1,330	2453	665	Petition to revive – unintentional	$
1501	1,330	2501	665	Utility/Reissue issue fee	$
1502	480	2502	240	Design issue fee	$
1503	640	2503	320	Plant issue fee	$
1460	130	1460	130	Petitions to the Commissioner	$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	$
1806	180	1806	180	Submission of IDS	$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	$
1801	770	2801	385	Request for Continued Examination (RCE)	$

Other fee (specify) $

Subtotal (3) $110

Total Amount of Payment: $110

Submitted by:

Name: Edward W. Bulchis	Reg. No.: 26,847	Telephone: (206) 903-8800
Signature: *Edward W. Bulchis*		Date: October 29, 2004